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United States Environmental Protection Agency
Washington, DC 20460

ORIGINAL

Document Description

Focus p00-441

Date

2/16/00

Final

FOCUS REPORT
New Chemicals Program

PART I: BACKGROUND

Written By: JKD

FOCUS DATE: 2/14/00

FOCUS CHAIR: M Begley

COMPANY: [REDACTED]

CASE NUMBER(S): P00-0441 through and



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PART II: SAT RESULTS

HEALTH: 1-2 ECOTOX: 2 OCCUPATIONAL EXPOSURE: 1-2 CONSUMER EXPOSURE: 0-1 ENVIRONMENTAL RELEASES: 0-1

ADDITIONAL SAT
INFORMATION:

PART III: OTHER FACTORS

a. PRODUCTION VOLUME: [REDACTED]

b. USE: [REDACTED]

a. REGULATORY HISTORY: [REDACTED]

d. TEST DATA:

e. IMPORTED ☒ MANUFACTURED ☐ BOTH ☐

f. MSDS: ☒

g. CATEGORY: E Anionic Surfactants CATEGORY 2: [REDACTED]

PART IV: SUMMARY OF SAT ASSESSMENT

CASE NUMBER: P00-0441

FATE: Solid
S (25°C) > 1000 g/L(E); VP @ 25C (mm) < 1.0E-6(E); H < 1.00E-8(E)
LogKow = 1.40(M);
POTW removal (%) = 90-99 via sorption & biodeg
Time for complete ultimate aerobic biodeg = wk
PBT Potential: P1B1T1
Sorption to soils/sediments = strong

HEALTH: Absorption is poor from the skin, moderate from the GI tract, and good from the lung (analog). Uncertain concern for surfactant effects on the lung; irritation to eye, skin (chron-

ic), mucous membranes and lung based on possible surfactant properties of the compound.

ECOTOX: Submitted test data for product: [REDACTED] were:

SALTWATER
fish (T) 96-h LC50 > 180.0 M S,R,N
copepod 48-h LC50 > 180.0 M S,N
green algal 72-h EC50 > 100.0 M S,N
algal ChV = 100.0 M S,N

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Predicted (P) and measured (M) toxicity values in mg/L (ppm) FOR

WORST CASE WITH [REDACTED] are:

fish 96-h LC50 = 17.0 P

daphnid 48-h LC50 = 9.2 P

green algal 96-h EC50 = 26.0 P

fish chronic value = 2.6 P

daphnid ChV = 1.4 P

algal ChV = 6.6 P

Predictions are based on SAR-nearest analog method for [REDACTED]

[REDACTED] as worst case; SAR chemical class = [REDACTED]

[REDACTED]; pH7; effective concentrations based on 100% active ingredients and mean measured concentrations; hardness <180.0 mg/L as CaCO3; and TOC <2.0 mg/L;

moderate concern for worst case;

low concern for product in saltwater;

assessment factor = 10.0

CC worst case = 0.100

CC product = 1.0

PART V: SUMMARY OF EXPOSURE/RELEASE

Use [REDACTED]

Inhalation: Negligible

Dermal: [REDACTED]

Release to Water: Not expected

PART VI: FOCUS DECISION AND RATIONALE

DISPOSITION: Drop

RATIONALE: P00-0441 was dropped from further review. There were no significant risks expected to human health or the environment. No releases to water are expected. Inhalation exposure is expected to be negligible

PART VII: CCD DISPOSITION / DD

CCD: